

WHAT IS CLAIMED IS:

- 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
1. An iron golf club comprising a head part having a face, wherein a restitution coefficient is in the range of at least 0.81 and not more than 0.95 when colliding a ball against a sweet spot in said face at a speed of 44 m/s.
2. The iron golf club according to claim 1, wherein an effective face area being the surface area of a portion of said face deflectable at the hit is at least 2500 mm² and not more than 5000 mm².
3. The iron golf club according to claim 1, wherein said head part has a hollow structure, wall portions are provided on the peripheral edge of a face part in said head part, and the surface area of a central portion of said face located between said wall portions is at least 2500 mm² and not more than 5000 mm².
4. The iron golf club according to claim 1, wherein an effective deflection length being the length of a portion of said face deflectable at the hit, passing through said sweet spot of said face in a direction perpendicular to the ground, is at least 36 mm and not more than 72 mm.
5. The iron golf club according to claim 1, wherein said head part has a hollow structure, wall portions are provided on the peripheral edge of a face part in said head part, and an effective deflection length being the length between said wall portions, passing through said sweet spot of said face in a direction perpendicular to the ground, is at least 36 mm and not more than 72 mm.
6. The iron golf club according to claim 1, wherein the thickness of a face part is at least 1.0 mm and not more than 2.5 mm at said sweet spot of said face.

7. The iron golf club according to claim 1, wherein
the elasticity of a face part in said head part is at least 30 GPa and not more than
210 GPa.

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